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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/698,983
				Filing Date	October 31, 2003
				First Named Inventor	Howard Sands
				Art Unit	1615
				Examiner Name	Carlos A. Azpuru
Sheet	1	of	1	Attorney Docket Number	12636-304.201

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/S.G.L/		BROWN, R. et al. Demethylation of DNA by decitabine in cancer chemotherapy. <i>Expert Rev Anticancer Ther.</i> 2004; 4(4): 501-510.	
/S.G.L/		GILBERT, J. et al. The Clinical Application of Targeting Cancer through Histone Acetylation and Hypomethylation. <i>Clinical Cancer Research.</i> 2004; 10: 4589-4596.	
/S.G.L/		HERMAN, J. G. et al. Gene Silencing in Cancer in Association with Promoter Hypermethylation. <i>The New England Journal of Medicine.</i> 2003; 349(21): 2042-2054.	
/S.G.L/		LEONE, G. et al. DNA methylation and demethylating drugs in myelodysplastic syndromes and secondary leukemias. <i>Haematologica.</i> 2002; 87(12): 1324-1341.	
/S.G.L/		LEONE, G. et al. Inhibitors of DNA methylation in the treatment of hematological malignancies and MDS. <i>Clin Immunol.</i> 2003; 109(1): 89-102.	

Examiner signature	/Sharmila Landau/	Date Considered	07/03/2007
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				Filing Date	October 31, 2003
				First Named Inventor	Howard Sands et al.
				Art Unit	1614
Examiner Name	Not yet assigned				
Sheet	1	of	1	Attorney Docket Number	12636-304.201

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/S.G.L./		US- 6,248,363	06/19/2001	Lipocine, Inc.	
		US-			
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FOREIGN PATENT DOCUMENTS

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				First Named Inventor	Howard Sands
				Art Unit	1614
				Examiner Name	Not yet assigned
Sheet	1	of	5	Attorney Docket Number	12636-304.201

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		Number-Kind Code ² (if known)			
/S.G.L/		US-2001/0012835 A1	04/14/1997	Fine, et al.	
		US-2002/0114809 A1	02/21/2001	Rubinfeld, et al.	
		US-2002/0136709 A1	07/31/2001	Zahner	
		US-2003/0013099 A1	03/19/2001	Lasek, et al.	
		US-2003/0039689 A1	04/26/2002	Chen, et al.	
		US-2003/0045497 A1	07/26/2002	Widegren, et al.	
		US-2003/0108588 A1	09/17/2002	Chen, et al.	
		US-2003/0147813 A1	02/07/2002	Lyons	
		US-2003/0165864 A1	01/16/2002	Lasek, et al.	
		US-2003/0171303 A1	06/11/2002	Gallop, et al.	
		US-2003/0229047 A1	06/05/2002	Joshi-Hangal, et al.	
		US-4,690,918	09/01/1987	Beppu, et al.	
		US-5,736,531	12/30/1993	Von Borstel, et al.	
		US-5,856,090	09/09/1994	Epstein	
		US-5,856,094	06/30/1995	Sidransky, et al.	
		US-5,968,914	10/28/1987	Von Borstel, et al.	
		US-6,136,791	12/23/1996	Nyce	
/S.G.L/		US-6,255,293 B1	07/24/1998	Kimchi	

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Sheet	2	of	5	Attorney Docket Number	12636-304.201

FOREIGN PATENT DOCUMENTS						
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		Country Code ² - Number ³ - Kind Code ⁴ (if known)				
/S.G.L/		CS 269077	12/22/1963	Ceskoslovenska akademie ved, (Prag)		
		DE 1922702	05/03/1969	Ceskoslovenska akademie ved, (Prag)		
		DE 2105468	02/05/1971	Ceskoslovenska akademie ved, (Prag)		
		EP 286958	04/06/1988	Merck Pg		
		JP 05219974	02/13/1992	Mitsui Petrochem Ind Ltd		
		JP 2002223753	01/30/2001	Hitachi		
		JP 2002370939	06/12/2001	Taisho Pharmaceutical Co. Ltd.		
		JP 2003310293	04/26/2002	Mitsui Chemical Inc.		
		PCT/US04/22367 International Search Report	07/20/2005	SuperGen, Inc.		
		WO 93/01202	07/05/1991	Pro-Neuron, Inc.		
		WO 94/26761	05/14/1993	Pro-Neuron, Inc.		
		WO 94/27632	06/01/1993	Nycomed Pharma A/S		
		WO 96/11280	10/07/1994	East Carolina University		
		WO 96/36693	05/19/1995	Phytera, Inc.		
		WO 96/39035	06/06/1995	Case Western Reserve University		
		WO 96/40165	06/07/1995	Pro-Neuron, Inc.		
		WO 98/14619	10/03/1996	Incyte Pharmaceuticals, Inc.		
		WO 98/16186	10/16/1996	ICN Pharmaceuticals		
		WO 98/29108	12/30/1996	Andrew, P. Feinberg		
/S.G.L/		WO 98/54318	05/28/1997	Marie Curie Research Institute		

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/S.G.L./		WO 00/05419	07/24/1998	Yeda Research and Development Company Ltd.		
		WO 00/23112	10/19/1998	Methylgene, Inc.		
		WO 00/40269	01/05/1999	Clarence Lee		
		WO 00/54574	03/18/1999	The University of Chicago		
		WO 00/62075	04/13/1999	Rutgers, The State University of New Jersey		
		WO 01/21215 A1	09/22/1999	Ortho-McNeil Pharmaceutical, Inc.		
		WO 01/69262 A1	03/15/2000	University of Massachusetts		
		WO 01/79164 A2	03/21/2000	Atherogenics, Inc.		
		WO 02/18592 A1	09/01/2000	Bionomics Limited		
		WO 02/21140 A1	09/08/2000	Metabolic Engineering Laboratories Co., Ltd.		
		WO 02/051980 A2	12/12/2000	Nucleus Remodeling, Inc.		
		WO 02/057425 A2	01/22/2001	Merck & Co., Inc.		
		WO 02/069903 A3	03/06/2001	Biocryst Pharmaceuticals, Inc.		
		WO 02/076486 A2	02/05/2001	Innoventus Project AB		
		WO 02/083705 A1	04/13/2001	The Johns Hopkins University School of Medicine		
		WO 02/085400 A1	04/24/2001	Supergen, Inc.		
/S.G.L./		WO 02/087586 A1	04/26/2001	Control Delivery Systems, Inc.		
/S.G.L./		WO 03/006950 A2	07/12/2001	Geron Corporation		

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/S.G.L/		WO 03/012112 A1	07/27/2001	Geneinvent BBL AB		
		WO 03/012085 A1	07/30/2001	Sigma-Tau Industrie Farmaceutiche Riunite S.P.A.		
		WO 03/011209 A2	07/31/2001	Yeda Research and Development Co. Ltd.		
		WO 03/026574 A2	09/24/2001	AU, Jessie, L. -S.		
		WO 03/031932 A2	10/05/2001	Case Western Reserve Univresity		
		WO 03/040363 A1	11/08/2001	Japan Science and Technology Corporation		
		WO 03/043631 A2	11/23/2001	F. Hoffman-LA Roche AG		
		WO 03/045427 A2	11/29/2001	Dandrit Biotech A/S		
		WO 03/046190 A1	11/30/2001	Medigene Aktiengesellschaft		
		WO 03/065995 A2	02/07/2002	SuperGen, Inc.		
		WO 03/076593 A2	03/07/2002	The Johns Hopkins University School of Medicine		
		WO 03/076594 A2	03/07/2002	The Johns Hopkins University		
		WO 03/086374 A1	04/05/2002	University of Utah Research Foundation		
		WO 2003/087774 A3	04/12/2002	Gurators of the University of Missouri		
		WO 03/104427 A2	06/05/2002	Case Western Reserve University		
/S.G.L/		WO 2004/009023 A2	07/18/2002	University of Utah Research Foundation		

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GA		VON HOFF, et al., "5-Azacytidine. A New Anticancer Drug With Effectiveness in Acute Myelogenous Leukemia," <i>Annals of Internal Medicine</i> (1976) 85(2), pages 237-245	

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